

| L<br>Number | Hits  | Search Text   | DB                              | Time stamp          |
|-------------|-------|---|---------------------------------|---------------------|
| 3           | 76    | "liquid crystal" and freeman.in.  | USPAT;<br>US-PGPUB;<br>JPO      | 2003/11/25<br>11:06 |
| 4           | 17    | ("liquid crystal" and freeman.in. ) and gary  | USPAT;<br>US-PGPUB;<br>JPO      | 2003/11/25<br>11:06 |
| -           | 22280 | "liquid crystal" and polymer\$10  | USPAT;<br>US-PGPUB;<br>JPO      | 2003/11/20<br>09:31 |
| -           | 725   | ("liquid crystal" and polymer\$10) and (rate near3 polymer\$10)   | USPAT;<br>US-PGPUB;<br>JPO      | 2002/08/16<br>13:52 |
| -           | 89    | ((("liquid crystal" and polymer\$10) and (rate near3 polymer\$10)) and "phase separation"   | USPAT;<br>US-PGPUB;<br>JPO      | 2003/03/11<br>11:28 |
| -           | 48    | ((("liquid crystal" and polymer\$10) and (rate near3 polymer\$10)) and "phase separation") and intensity  | USPAT;<br>US-PGPUB;<br>JPO      | 2001/12/04<br>09:30 |
| -           | 2     | (((((("liquid crystal" and polymer\$10) and (rate near3 polymer\$10)) and "phase separation") and intensity) and ("second layer" "second structure" "second matrix")) | USPAT;<br>US-PGPUB;<br>JPO      | 2002/08/16<br>13:51 |
| -           | 1     | 09/883,083  | USPAT;<br>US-PGPUB;<br>JPO      | 2002/08/16<br>12:41 |
| -           | 1589  | (349/182-186).CCLS.   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/03/11<br>11:57 |
| -           | 8     | ((349/182-186).CCLS.) and (rate near3 polymer\$10)  | USPAT;<br>US-PGPUB;<br>JPO      | 2002/08/16<br>13:54 |
| -           | 5     | ((349/182-186).CCLS.) and (rate near3 polymerization)   | USPAT;<br>US-PGPUB;<br>JPO      | 2002/08/16<br>13:56 |
| -           | 3     | ((((349/182-186).CCLS.) and (rate near3 polymer\$10)) not ((349/182-186).CCLS.) and (rate near3 polymerization))  | USPAT;<br>US-PGPUB;<br>JPO      | 2002/08/16<br>13:58 |
| -           | 13    | ((349/182-186).CCLS.) and cannon  | USPAT;<br>US-PGPUB;<br>JPO      | 2002/08/16<br>14:02 |
| -           | 26948 | 349\$.ccls.   | USPAT;<br>US-PGPUB;<br>JPO      | 2002/08/16<br>14:03 |
| -           | 743   | 349\$.ccls. and "polymer dispersed"   | USPAT;<br>US-PGPUB;<br>JPO      | 2002/08/16<br>14:04 |
| -           | 416   | 349\$.ccls. and "polymer matrix"  | USPAT;<br>US-PGPUB;<br>JPO      | 2002/08/16<br>14:04 |
| -           | 4     | 349\$.ccls. and "polymerized structure"   | USPAT;<br>US-PGPUB;<br>JPO      | 2002/08/16<br>14:04 |
| -           | 942   | 349\$.ccls. and "polymer dispersed") (349\$.ccls. and "polymer matrix") (349\$.ccls. and "polymerized structure"  | USPAT;<br>US-PGPUB;<br>JPO      | 2003/11/12<br>15:28 |
| -           | 49    | ((349\$.ccls. and "polymer dispersed") (349\$.ccls. and "polymer matrix") (349\$.ccls. and "polymerized structure")) and (rate near3 polymerization)                  | USPAT;<br>US-PGPUB;<br>JPO      | 2002/08/16<br>14:05 |
| -           | 8     | ((("5940156") or ("5612803") or ("6078378") or ("6049366") or ("5729312") or ("5474629") or ("5494604") or ("5739882"))).PN.  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/02/26<br>11:33 |
| -           | 0     | ((("5940156") or ("5612803") or ("6078378") or ("6049366") or ("5729312") or ("5474629") or ("5494604") or ("5739882"))).PN.) and (second same rate)                  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/02/26<br>11:51 |

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| - | 0   | ((("5940156") or ("5612803") or ("6078378") or ("6049366") or ("5729312") or ("5474629") or ("5494604") or ("5739882")).PN.) and (second same exposure)  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/02/26<br>11:51 |
| - | 1   | ((("5940156") or ("5612803") or ("6078378") or ("6049366") or ("5729312") or ("5474629") or ("5494604") or ("5739882")).PN.) and (second same intensity)   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/02/26<br>11:51 |
| - | 4   | ((("5940156") or ("5612803") or ("6078378") or ("6049366") or ("5729312") or ("5474629") or ("5494604") or ("5739882")).PN.) and (second same light)   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/02/26<br>11:51 |
| - | 7   | ((("5940156") or ("5612803") or ("6078378") or ("6049366") or ("5729312") or ("5474629") or ("5494604") or ("5739882")).PN.) not (((("5940156") or ("5612803") or ("6078378") or ("6049366") or ("5729312") or ("5474629") or ("5494604") or ("5739882")).PN.) and (second same intensity))  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/02/26<br>11:43 |
| - | 3   | ((("5940156") or ("5612803") or ("6078378") or ("6049366") or ("5729312") or ("5474629") or ("5494604") or ("5739882")).PN.) not (((("5940156") or ("5612803") or ("6078378") or ("6049366") or ("5729312") or ("5474629") or ("5494604") or ("5739882")).PN.) and (second same intensity))) not (((("5940156") or ("5612803") or ("6078378") or ("6049366") or ("5729312") or ("5474629") or ("5494604") or ("5739882")).PN.) and (second same light))) | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/02/26<br>11:49 |
| - | 251 | (349/183).CCLS.  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/02/26<br>11:50 |
| - | 761 | (349/86-94).CCLS.  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/02/26<br>11:51 |
| - | 985 | ((349/183).CCLS.) ((349/86-94).CCLS.)  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/02/26<br>11:51 |
| - | 49  | ((349/183).CCLS.) ((349/86-94).CCLS.) and (second same rate)   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/02/26<br>12:06 |
| - | 49  | ((349/183).CCLS.) ((349/86-94).CCLS.) and (second same exposure)   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/02/26<br>12:07 |
| - | 133 | ((349/183).CCLS.) ((349/86-94).CCLS.) and (second same intensity)  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/02/26<br>12:07 |
| - | 475 | ((349/183).CCLS.) ((349/86-94).CCLS.) and (second same light)  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/02/26<br>12:07 |
| - | 49  | ((349/183).CCLS.) ((349/86-94).CCLS.) and (second same rate) not (((("5940156") or ("5612803") or ("6078378") or ("6049366") or ("5729312") or ("5474629") or ("5494604") or ("5739882")).PN.)   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/02/26<br>12:01 |
| - | 1   | "60/268,235"   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/02/26<br>12:01 |
| - | 14  | ((349/183).CCLS.) ((349/86-94).CCLS.) and (second near6 rate)  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/02/26<br>12:08 |
| - | 17  | ((349/183).CCLS.) ((349/86-94).CCLS.) and (second near6 exposure)  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/02/26<br>12:19 |

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|---|------|--|---------------------------------|---------------------|
| - | 58   | ((349/183).CCLS.) ((349/86-94).CCLS.)<br>and (second near6 intensity)  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/02/26<br>12:08 |
| - | 300  | ((349/183).CCLS.) ((349/86-94).CCLS.)<br>and (second near6 light)  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/02/26<br>12:09 |
| - | 1    | ("6313894").PN.  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/02/26<br>12:20 |
| - | 0    | ("liquid crystal" and polymer\$10) and<br>(rate near3 polymer\$10) and "phase<br>separation"   | USPAT;<br>US-PGPUB;<br>JPO      | 2003/03/11<br>11:28 |
| - | 0    | (349/182-186).CCLS.  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/03/11<br>11:40 |
| - | 1618 | (349/182-186).CCLS.  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/03/11<br>11:58 |
| - | 15   | ((349/182-186).CCLS.) not @PD<20020701   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/03/11<br>11:58 |
| - | 5    | ((("3872050") or ("5200845") or<br>("5243451") or ("5304323") or<br>("5327271")).PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/11/12<br>15:19 |
| - | 3    | ((("3872050") or ("5200845") or<br>("5243451") or ("5304323") or<br>("5327271")).PN.) and initi\$8   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/11/12<br>15:28 |
| - | 0    | ((("3872050") or ("5200845") or<br>("5243451") or ("5304323") or<br>("5327271")).PN.) and initi\$8) and<br>(initi\$8 near8 spacer)   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/11/12<br>15:30 |
| - | 2    | ((("3872050") or ("5200845") or<br>("5243451") or ("5304323") or<br>("5327271")).PN.) not (((("3872050") or<br>("5200845") or ("5243451") or ("5304323")<br>or ("5327271")).PN.) and initi\$8) | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/11/12<br>15:27 |
| - | 1160 | (349\$.ccls. and "polymer dispersed")<br>(349\$.ccls. and "polymer matrix")<br>(349\$.ccls. and "polymerized structure")   | USPAT;<br>US-PGPUB;<br>JPO      | 2003/11/13<br>09:05 |
| - | 576  | ((349\$.ccls. and "polymer dispersed")<br>(349\$.ccls. and "polymer matrix")<br>(349\$.ccls. and "polymerized structure")<br>) and initi\$8  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/11/13<br>09:06 |
| - | 9    | ((349\$.ccls. and "polymer dispersed")<br>(349\$.ccls. and "polymer matrix")<br>(349\$.ccls. and "polymerized structure")<br>) and initi\$8) and (initi\$8 near8 spacer)                       | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/11/13<br>09:06 |
| - | 1    | "60/268,072"   | USPAT;<br>US-PGPUB;<br>JPO      | 2003/11/13<br>09:04 |
| - | 2    | "60/268,235"   | USPAT;<br>US-PGPUB;<br>JPO      | 2003/11/13<br>09:04 |
| - | 1162 | (349\$.ccls. and "polymer dispersed")<br>(349\$.ccls. and "polymer matrix")<br>(349\$.ccls. and "polymerized structure")   | USPAT;<br>US-PGPUB;<br>JPO      | 2003/11/13<br>09:06 |
| - | 576  | ((349\$.ccls. and "polymer dispersed")<br>(349\$.ccls. and "polymer matrix")<br>(349\$.ccls. and "polymerized structure")<br>) and initi\$8  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/11/13<br>09:07 |
| - | 9    | ((349\$.ccls. and "polymer dispersed")<br>(349\$.ccls. and "polymer matrix")<br>(349\$.ccls. and "polymerized structure")<br>) and initi\$8) and (initi\$8 near8 spacer)                       | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/11/13<br>09:29 |
| - | 0    | "10/619,389"   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/11/13<br>10:36 |
| - | 0    | "jp-352009458-A"   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/11/13<br>10:37 |

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| - | 0      | 352009458\$6   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/11/13<br>10:38 |
| - | 3068   | shirota  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/11/13<br>10:42 |
| - | 0      | "352009458"  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/11/13<br>10:42 |
| - | 1      | "JP352009458A"   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2003/11/13<br>10:43 |
| - | 203827 | "liquid crystal"   | USPAT;<br>US-PGPUB;<br>JPO      | 2003/11/20<br>09:32 |
| - | 76     | "liquid crystal" and freeman.in.   | USPAT;<br>US-PGPUB;<br>JPO      | 2003/11/25<br>11:06 |
| - | 16     | ("liquid crystal" and freeman.in.) and<br>gary.in.   | USPAT;<br>US-PGPUB;<br>JPO      | 2003/11/20<br>09:33 |
| - | 6      | ((("liquid crystal" and freeman.in.) and<br>gary.in.) and "accelerator lacquer"                          | USPAT;<br>US-PGPUB;<br>JPO      | 2003/11/20<br>09:34 |
| - | 6      | ((("liquid crystal" and freeman.in.) and<br>gary.in.) and "accelerator lacquer") and<br>"photoinitiator" | USPAT;<br>US-PGPUB;<br>JPO      | 2003/11/20<br>09:34 |